Pinion Support Bearing Race Installation Instructions

In order to ensure that you do not damage your pinion support when Installing the bearing races, follow the instructions outlined below:

1. Heat the part of the support where the bearing race sits until it is hot enough that water begins to boil when it dripped onto it. This is done to expand the support slightly allowing easier installation of the race. **Be careful not to overheat the support in any one area.**
2. Put the bearing race itself in a freezer for at least 30 minutes. This is done to slightly contract the race allowing for easier installation into the heated support.
3. Once you have heated the support and cooled the race it will allow the race to be more easily pressed into place in the support. Once the temperatures of the two parts equalize there will be a much tighter fit so be sure to work quickly as the race will become very tight and virtually impossible to move without a press. Also be sure to install the race in the correct position so the bearing will slide in from the outside onto the taper of the race.

Pinion Support #	Timken Bearing #	Application
PS028, PS28C & PS2810	(1)M88010/M88048 (1)HM89410/HM89444	Daytona/Aftermarket support For standard pinion (28 spline)
PS035, PS3510 & PS1010	(1)2788/2729 (1)HM804810/HM804846	Aftermarket support for Large pinion (35 spline)

Rev. IN19-34

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